

## DOCUMENT RESUME

ED 270 081

IR 012 082

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 TITLE Information Resources on Microcomputer Applications for Media Centers. A Selected ERIC Bibliography.  
 INSTITUTION ERIC Clearinghouse on Information Resources, Syracuse, N.Y.  
 SPONS AGENCY Office of Educational Research and Improvement (ED), Washington, DC.  
 PUB DATE 86  
 NOTE 3p.  
 AVAILABLE FROM ERIC Clearinghouse on Information Resources, Syracuse University, 030 Huntington Hall, Syracuse, NY 13244-2340 (free while supply lasts).  
 PUB TYPE Reference Materials - Bibliographies (131) -- Information Analyses - ERIC Information Analysis Products (071)  
 EDRS PRICE MF01/PC01 Plus Postage.  
 DESCRIPTORS Annotated Bibliographies; \*Computer Software; Elementary Secondary Education; \*Learning Resources Centers; \*Microcomputers; Newsletters; Resource Materials; School Libraries  
 IDENTIFIERS ERIC Digests; \*Software Development; Spreadsheets

## ABSTRACT

Citations in this annotated bibliography were selected from the Educational Resources Information Center (ERIC) indexes, Current Index to Journals in Education (CIJE), and Resources in Education (RIE). Titles include: (1) "Computer Applications in the Library Media Center: An Introduction to Electronic Spreadsheets" (Keith E. Bernhard); (2) "Selecting Computer Software for School Libraries" (Laurel A. Clyde and D. Joan Joyce); (3) "In-house Production of Computer Software" (David V. Loertscher); (4) "Microcomputer Software for School Library Applications" (South Dakota State Library and Archives); (5) "Computer Technology and Libraries" (School Library Journal Special Section); (6) "Microcomputers in the Media Center" (Vicki Sherouse and Richard Post, eds.); (7) "Microcomputers in School Library Media Centers" (Lotsee Smith and Keith Swigger); (8) "Copyright, Micro Software, and the Library Media Center" (Rosemary Sturdevant Talab); and (9) "Small Business Microcomputer Programs: Tools for Library Media Center Management" (Neil A. Yerkey). Descriptions and addresses are also provided for two Apple microcomputer-users newsletters--the Apple Library Users Group Newsletter and The Wired Librarian's Newsletter--as well as two general interest periodicals--CMC (Computers and the Media Center) News and Small Computers in Libraries. (JB)

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# INFORMATION RESOURCES ON...

## MICROCOMPUTER APPLICATIONS FOR MEDIA CENTERS

### A Selected ERIC Bibliography

Citations in this bibliography were selected from the Educational Resources Information Center (ERIC) indexes Current Index to Journals in Education (CIJE) and Resources in Education (RIE).

March 1986

Compiled by Pamela McLaughlin

Bernhard, Keith E. (1984, Spring). Computer applications in the library media center: An introduction to electronic spreadsheets. School Library Media Quarterly; 12 (3), 222-26.

Discusses computer software that can perform routine calculations on small computer systems quickly and accurately to aid in the task of translating ideas into numbers and decisions. VisiCalc, use of spreadsheet analysis programs, and applications for school library media specialists are highlighted. Six references are included.

Clyde, Laurel A. and D. Joan Joyce. (1985, Spring). Selecting computer software for school libraries. School Library Media Quarterly; 13 (2), 129-37. (UMI: EJ 322 454)

Examines criteria for software selection and the use of software packages in school library management. Criteria for selecting library management programs (for tasks such as circulation, cataloging, recordkeeping), specific criteria for selecting educational programs, and reviewing sources are covered. Thirty-eight references are cited.

Loertscher, David V. (1984, Winter). In-house production of computer software. Drexel Library Quarterly; 20 (1), 16-26. (UMI: EJ 303 104)

Examines incorporation of local production of microcomputer software as part of school library media center services, highlighting need for local production, software types (adapting and altering commercial programs, finding and trading noncopyrighted programs, assisting in computer-assisted instruction authoring, programming computer lessons from scratch); implementation of program; and challenges for future.

Microcomputer software for school library applications. (1984). Pierre, SD: South Dakota State Library and Archives. (EDRS: ED 257 424)

This list of 126 software programs includes the title, description, producer or address to contact for additional information, system requirements, and cost. Programs listed are categorized by the following library functions: audiovisual catalog, audiovisual equipment inventory, bibliographies, catalog card printing, circulation and overdues, communication, filing systems, database management, film booking, indexing, library catalog, library skills instruction, multi-use, ordering, serials control, spread sheet, utility, and word processing. Software listed has not been reviewed and is not necessarily recommended.

SLJ special section: Computer technology and libraries. (1984, November). School Library Journal; 31 (3), 35-73. (UMI: EJ 360 401)

This 5-article section provides an annotated bibliography of 39 books about computer technology; describes peripheral equipment essential for building computer systems; suggests an approach to software evaluation and selection; describes the implementation of a computer program for elementary/secondary students and teachers; and reviews 34 computer programs for library skills instruction.

Sherouse, Vicki, and Richard Post, Eds. (1983). Microcomputers in the media center. Columbus, OH: Ohio Educational Library Media Association.

Produced to provide educators and library media personnel with some understanding of and direction in the rapidly expanding field of microcomputers and their applications, this monograph includes eleven articles dealing specifically with media center applications and others concerned more generally with the microcomputer in educational settings. Also included are a glossary by Lenora Ferdinand, and a 12-page list of selected references about microcomputers compiled by Greg Byerly and Clara O. Jackson.

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Smith, Lotsee, and Keith Swigger. (1984, Winter). Microcomputers in school library media centers. Drexel Library Quarterly; 20 (1), 7-15. (UMI: EJ 303 183)

Reviews two basic ways in which microcomputers are being used in school library media centers--administrative or management purposes (circulation control, budget planning, acquisitions processes, staff and student scheduling); and instructive purposes (library skills, drill and practice, problem solving, computer literacy). Three major types of software are described. (22 references)

Talab, Rosemary Sturdevant. (1984, Summer). Copyright, micro software, and the library media center. School Library Media Quarterly; 12 (4), 285-89. (UMI: EJ 305 631)

Discusses the responsibility of the school library media specialist with respect to microcomputer software acquisition and usage. Copyright and the library media center, copyright infringement, remedies, and protection, strategies that can be used in obtaining and disseminating quality software, and policy development are noted. Thirteen references are cited.

Yerkey, A. Neil. (1984, Spring). Small business microcomputer programs: Tools for library media center management. School Library Media Quarterly; 12 (3), 212-16. (UMI: EJ 300 061)

This examination of ways to use general-purpose commercial software to assist in the management of library media centers focuses on database management programs, word processing, authoring systems, and calculator (spreadsheet) programs. System requirements and purchasing information for representative programs (address, price) are provided. Six references are cited.

Also of interest:

Apple Library Users Group Newsletter. Quarterly publication for Apple using libraries, primarily to provide a vehicle for information sharing. Includes software reviews, vendor information, articles, question and answer column. Free from:

Monica Ertel  
Apple Computer  
Corporate Documentation MS 26B  
20650 Valley Green Drive  
Cupertino, CA 95014

CMC (Computers and the Media Center) News. Edited by Jim Deacon, this general interest newsletter includes software listings, reviews. Quarterly, \$5.00 prepaid, \$6.00 from:

CMC News  
515 Oak Street North  
Cannon Falls, MN 55009

Small Computers in Libraries. Formerly a newsletter, this recent Meckler acquisition changed format and frequency. Includes many product announcements, reviews and how-tos. Monthly, \$29.50 from:

Meckler Publishing  
11 Ferry Lane West  
Westport, CT 06880

The Wired Librarian's Newsletter. Eric Anderson, the Wired Librarian, has put together a unique publication. Geared for Apple users, he has the inside track on software development, new publications, MacIntosh applications and more. Monthly, \$15.00 per year from:

Micro Libraries  
701 64th Street  
Des Moines, IA 50312

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All citations with EJ numbers are journal articles from CIJE and can be obtained from a library, borrowed through interlibrary loan, or ordered through UMI, 300 N. Zeeb Rd., Ann Arbor, MI 48106 (\$10.00 per article), if so indicated. Those with ED numbers are from RIE and can be read at an ERIC microfiche collection or ordered in microfiche or paper copy from EDRS, 3900 Wheeler Ave., Alexandria, VA 22304. Call toll free: 800-227-3742 for exact prices of ERIC documents.